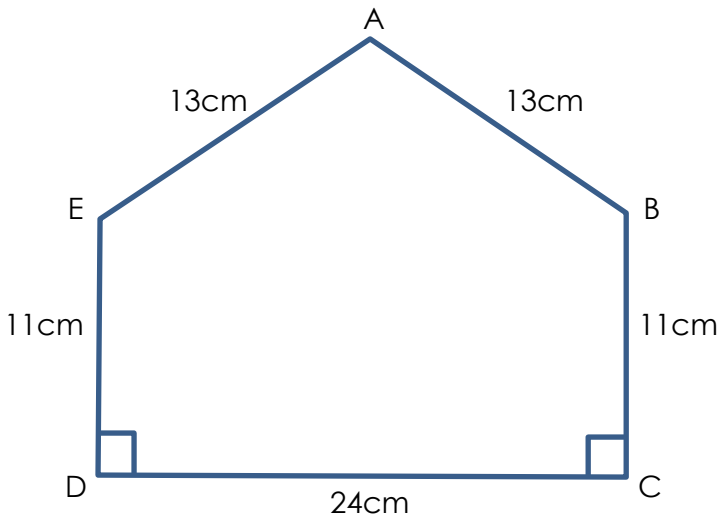


Name: _____

YEAR 11 MINI-ASSESSMENT 16

HIGHER – NON-CALCULATOR QUESTIONS

1. Shape ABCDE is a pentagon. Find its area.



2. (a) Write $0.2\dot{3}5$ as a fraction in its simplest form.

[5 marks]

- (b) Work out $4\frac{2}{5} + 2\frac{3}{7}$

(2)

3. Solve the simultaneous equations
- $$\begin{aligned}x^2 + y^2 &= 29 \\ y - x &= 3\end{aligned}$$

(3)
[5 marks]

[5 marks]